

25 January 2023

PBAC Secretariat
MDP 952
Office of Health Technology Assessment Branch
Department of Health and Ageing
GPO Box 9848
Canberra ACT 2601

By email to: pbac@health.gov.au

Re: Submission of herpes zoster (shingles) vaccine (Shingrix®) to PBAC meeting March 2023

MS Australia is writing to the Pharmaceutical Benefits Advisory Committee (PBAC) to support the inclusion of Shingrix® on the Pharmaceutical Benefits Scheme (PBS) for people with multiple sclerosis (MS) who are immunocompromised.

MS Australia is Australia's national MS not-for-profit organisation that empowers researchers to identify ways to treat, prevent and cure MS, seeks sustained and systemic policy change via advocacy, and acts as the champion for Australia's community of people affected by MS. MS Australia is the largest Australian not-for-profit organisation dedicated to funding, coordinating, educating and advocating for MS research as part of the worldwide effort to solve MS. MS Australia collaborates closely with our member organisations and various national and international bodies to help meet the needs of people affected by MS.

Declaration of interest

MS Australia is making this submission as we have an interest in the health and well-being of all people with MS. MS Australia is the national peak body for people living with MS in Australia. We work with governments at all levels, engaging on the issues that concern the lives of people living with MS, their families and carers, the community and the economy. We declare that we have in the past received funding support from pharmaceutical companies (2% of total revenue for FY2022), with an interest in MS in the form of grants for projects and support of our national MS research scientific conference.

About MS

As the national peak body for people with MS, we are proud to advocate on behalf of our state member organisations and the MS community. One area we are particularly passionate about is the provision of more affordable and accessible treatments that can improve the lives of people with MS.



MS is the most common acquired chronic neurological disease affecting young adults, often diagnosed between the ages of 20 to 40 and, in Australia, affects three times more women than men. In MS, the body's own immune system mistakenly attacks and damages the fatty material, called myelin, around the nerves. This results in a range of symptoms that can include a loss of motor function (e.g., walking and hand and arm function, loss of sensation, pain, vision changes and changes to thinking and memory).

There are currently more than 25,600 people living with MS across the country and over 7.6 million Australians know or have a loved one with this disease. MS can be particularly debilitating and has an unpredictable disease course. No two cases of MS are the same. MS affects everyone differently and people also respond to treatments and their potential side effects differently. Life circumstances, such as family planning, career and travel, as well as other health conditions, can also greatly affect treatment options and decisions. Even geography can affect treatment choices with close access to hospitals and health professionals for treatment, administration and monitoring being a big consideration relating to some medications for people with MS living outside of major metropolitan areas. There is no one-size fits all treatment for people living with MS and to date, there is no known cure.

About Shingrix®

Shingrix® is a non-live vaccine for the prevention of herpes zoster (shingles) and related complications. Shingles causes significant morbidity, especially in those over the age of 50 and patients who are immunocompromised or immunosuppressed.

Clinical trials for Shingrix®

Two large phase 3 clinical trials showed that Shingrix® had an efficacy of 90% in people aged 70 and older and 97% in people aged 50 and older^{1,2}. The safety of Shingrix® was consistent between both studies and previous phase studies, with pain at the injection site and systemic reactions being the most common adverse events. The reactions were generally mild-to-moderate in intensity and were transient.

Several clinical trials showed that Shingrix® provided good protection against herpes zoster in people who were severely immunocompromised, including those who have undergone autologous haematopoietic stem cell transplantation and exhibited haematological malignancies^{3,4}.

Impact on MS patients

Currently, the Zostavax vaccine is provided for free to adults over the age of 70 under the National Immunisation Program. The Zostavax vaccine, which is a live-attenuated vaccine, is contraindicated in people who are immunocompromised. Some people with MS are deemed to be severely immunocompromised because of medications they may be receiving to treat

their MS. Currently, this group includes ocrelizumab (Ocrevus), ofatumumab (Kesimpta), rituximab (various trade names), alemtuzumab (Lemtrada), fingolimod (Gilenya), ozanimod (Zeposia) and siponimod (Mayzent), as well as some other immunosuppressive medications for MS (such as high dose corticosteroids to treat a relapse) or other co-existing diseases.

Shingrix® provides an effective, inactivated vaccine for such people and therefore we strongly advocate for its inclusion on the PBS.

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